

ATTORNEY DOCKET NO.
PATH03-14

APPLICATION NO.

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT
Gary L. Breton

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<input checked="" type="checkbox"/>	AA	5,607,846	3/4/97	Murphy, et al.	435	69.3	5/17/94
<input checked="" type="checkbox"/>	AB	5,712,118	1/27/98	Murphy	435	69.3	9/20/94
<input checked="" type="checkbox"/>	AC	5,725,862	3/10/98	Murphy	424	251.1	12/8/95
<input checked="" type="checkbox"/>	AD	5,948,412	9/7/99	Murphy	424	251.1	3/3/97
<input checked="" type="checkbox"/>	AE	5,972,657	10/26/99	Murphy, et al.	435	69.3	10/14/97
<input checked="" type="checkbox"/>	AF	5,556,755	9/17/96	Murphy	435	6	9/29/93
<input checked="" type="checkbox"/>	AG	5,981,213	11/9/99	Hansen, et al.	435	69.1	5/25/95
<input checked="" type="checkbox"/>	AH	6,214,981 B1	4/10/01	Tucker, et al.	536	23.1	11/12/97
<input checked="" type="checkbox"/>	AI	6,004,562	12/21/99	Campagnari	424	251.1	8/16/96
<input checked="" type="checkbox"/>	AJ	5,030,556	7/9/91	Beaulieu, et al.	435	6	3/30/89
<input checked="" type="checkbox"/>	AK	6,184,371 B1	2/6/01	Loosmore, et al.	536	23.7	5/8/98
<input checked="" type="checkbox"/>	AA2	6,090,576	7/18/00	Myers, et al.	435	69.1	3/8/96
<input checked="" type="checkbox"/>	AB2	6,001,564	12/14/99	Bergeron, et al.	435	6	9/11/95
<input checked="" type="checkbox"/>	AC2	5,808,024	9/15/98	Sasaki, et al.	536	23.1	6/7/95
<input checked="" type="checkbox"/>	AD2	5,721,097	2/24/98	Roussau, et al.	435	6	9/1/94

FOREIGN PATENT DOCUMENTS




		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<input type="checkbox"/>	AL						
<input type="checkbox"/>	AM						
<input type="checkbox"/>	AN						
<input type="checkbox"/>	AO						
<input type="checkbox"/>	AP						
<input type="checkbox"/>	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	AR	Murphy, T.F., et al., "The major heat-modifiable outer membrane protein CD is highly conserved among strains of Branhamella catarrhalis," <i>Mol. Microbiol.</i> , 10(1):87-97 (1993).
<input checked="" type="checkbox"/>	AS	Hsiao, C.B., et al., "Outer membrane protein CD of Branhamella catarrhalis: sequence conservation in strains recovered from the human respiratory tract," <i>Microb. Pathog.</i> , 19:215-25 (1995).

EXAMINER

DATE CONSIDERED

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
 AT.	Bhushan, R., et al., "Molecular cloning and characterization of outer membrane protein E of <i>Moraxella</i> (Branhamella) catarrhalis," <i>J. Bacteriol.</i> , 176(21):6636-43 (1994).
AR2	Bootsma, H.J., "Molecular characterization of the BRO β -lactamase of <i>Moraxella</i> (Branhamella) catarrhalis," <i>Antimicrob Agents Chemother.</i> , 40(4):966-72. (1996).
AS2	Aebi, C., et al., "Mapping of a protective epitope of the CopB outer membrane protein of <i>Moraxella</i> catarrhalis," <i>Infect. & Immun.</i> , 66(2):540-8 (1998).
AT2	Myers, L.E., et al., "The transferring binding protein B of <i>Moraxella</i> catarrhalis elicits bactericidal antibodies and is a potential vaccine antigen," <i>Infect. & Immun.</i> , 66(9):4183-92 (1998).
AR3	Du, R.P., et al., "Cloning and expression of the <i>Moraxella</i> catarrhalis lactoferrin receptor genes," <i>Infect. & Immun.</i> , 66(8):3656-65 (1998).
 AS3	Helminen, M.E., et al., "A Major Outer Membrane Protein of <i>Moraxella</i> catarrhalis Is a Target for Antibodies That Enhance Pulmonary Clearance of the Pathogen in an Animal Model," <i>Infect. & Immun.</i> , 61(5):2003-10 (1993).
EXAMINER	DATE CONSIDERED
	2/1/07